

MAGNETIC EXTRACORPOREAL CIRCUIT FOR REMOVAL OF MEDICAL AGENTS

Abstract of the Disclosure

5 A method and system for delivering a medical agent to targeted tissues in a
patient, and subsequently removing systemically distributed medical agent to
minimize exposure of non-targeted portions of a patient's body to the medical agent.
The patient is treated with a targeted medical agent that includes a therapeutic
component, a targeting component, and a magnetically attracted component. The
10 targeting component, such as an antibody known to be attracted to an antigen present
at the target, causes a concentration of the targeted medical agent to occur at the
targeted tissue. The medical agent not concentrated at the targeted tissue is removed
by withdrawing and magnetically filtering a portion of the patient's blood to remove
the targeted medical agent, and returning the filtered blood to the patient.